

## STATE OF MICHIGAN

STIPULATION BETWEEN THE WATER RESOURCES COMMISSION  
an agency of the State of Michigan  
and  
PENNSALT CHEMICALS CORPORATION  
a Pennsylvania Corporation

To restrict the content of industrial wastes  
discharged to the waters of the State at  
Wyandotte, Michigan

WHEREAS, the Water Resources Commission of the State of Michigan, hereinafter referred to as the Commission, is by law charged with the responsibility of protecting and conserving the water resources of the State of Michigan and the Great Lakes, which are or may be affected by waste disposal of municipalities, industries, public or private corporations, individuals, partnership associations, or any other entity; and

WHEREAS, the Commission is authorized by statute to control and prohibit the pollution of said waters and to bring any appropriate action deemed necessary to enforce any and all laws relating to the pollution of the waters of this state; and

WHEREAS, the Commission meeting in the City of Detroit, Michigan on August 25, 1965 did adopt water quality goals to improve and protect the various water uses of the Rouge and Detroit Rivers and Michigan waters of Lake Erie; and

WHEREAS, the Commission, meeting in the City of East Lansing, Michigan, on January 6, 1966, did establish requirements and time schedules deemed necessary to be met by various industries and governmental units for abatement of their respective contributions to the pollution of the Rouge and Detroit Rivers, the Michigan waters of Lake Erie and its tributaries; and

WHEREAS, the Pennsalt Chemicals Corporation, a Pennsylvania Corporation, hereinafter referred to as the Company, discharges industrial wastes from its East Plant at Wyandotte, Michigan into the Detroit River, said wastes containing solids and chlorides; and

WHEREAS, it is the opinion of the Commission that said substances in the wastes discharged by the Company are or may become injurious to the public health, safety or welfare; or are or may become injurious to domestic, commercial, industrial, agricultural, recreational, or other uses which are being made of such waters; or are or may become injurious to livestock, wild animals, birds, fish, aquatic life, or plants or the growth or propagation thereof be prevented or injuriously affected; or whereby the value of fish and game is or may be destroyed or impaired; and



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WHEREAS, the Company, in consideration for the Commission's holding in abeyance the initiating of statutory procedures for pollution abatement as prescribed in Section 7, Act 245, Public Acts of 1929, as amended, desires to pursue a voluntary program to restrict and control the aforesaid substances contained in the wastes discharged or to be discharged from the Company's East Plant into the waters of this state.

NOW THEREFORE IT IS HEREBY AGREED, between the respective parties hereto, that Pennsalt Chemicals Corporation will:

1. Treat or control its industrial wastes from its East Plant to the extent necessary that when discharged to the Detroit River they shall:
  - a. Not contain suspended solids in a concentration greater than fifty (50) milligrams per liter above that present in the Company's source of water supply.
  - b. Not add more than 500,000 pounds per day of Chlorides, as Cl, as a result of Company operations.
2. Provide facilities capable of producing the waste effluent quality specified in paragraph 1 hereof according to the following time schedule:
  - a. Submit construction plans and specifications for facilities to attain the limitations on waste constituents to the Chief Engineer of the Commission and obtain his approval thereof by November 1, 1966.
  - b. Complete construction of facilities to attain the limitations on waste constituents and place same in operation by April 1, 1968.
3. Perform analyses to determine the content of the substances enumerated in paragraph 1 hereof to the extent necessary and sufficient to demonstrate compliance status and file reports of said analyses with the Chief Engineer of the Commission at the end of each month, beginning January 31, 1967.
4. Make studies of alternate methods of chloride and concentrated brine disposal with the view of reducing the discharge of these materials to the Detroit River.

IT IS FURTHER AGREED between the parties hereto that dilution of waste discharges with uncontaminated waters will not be utilized to attain the specified concentration restrictions enumerated in paragraph 1 hereof.

IT IS FURTHER AGREED between the parties hereto that in the event the Company fails to meet timely any of the provisions of this Agreement, the

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Company waives Notice of Determination and Hearing as provided by Section 7 of Act 245, Public Acts of 1929, as amended, and it is agreed that the Commission may, following Notice to the Company of its default of this Agreement, enter a Final Order of Determination incorporating the provisions of this agreement and requiring compliance with the uncompleted terms of this Agreement. PROVIDED FURTHER, however, that the Company may within ten (10) days after receipt of Notice of Default, petition the Commission for a hearing at which the Company will be given the opportunity to show cause why a Final Order of Determination should not be adopted by the Commission. Following said hearing the Commission may adopt a Final Order of Determination as aforesaid or may in its discretion grant a delay, extension, modification of or release from any or all provisions contained in this Stipulation.

PENNSALT CHEMICALS CORPORATION,  
a Pennsylvania Corporation

by: \_\_\_\_\_

WATER RESOURCES COMMISSION, of the State  
of Michigan

by: \_\_\_\_\_

(Chairman)

by: \_\_\_\_\_

(Executive Secretary)

Dated: \_\_\_\_\_

April 5, 1966

West Plant

STATE OF MICHIGAN

STIPULATION BETWEEN THE WATER RESOURCES COMMISSION  
an agency of the State of Michigan  
and  
PENNSALT CHEMICALS CORPORATION  
a Pennsylvania Corporation

To restrict the content of industrial wastes  
discharged to the waters of the State at  
Riverview, Michigan

- WHEREAS, the Water Resources Commission of the State of Michigan, hereinafter referred to as the Commission, is by law charged with the responsibility of protecting and conserving the water resources of the State of Michigan and the Great Lakes, which are or may be affected by waste disposal of municipalities, industries, public or private corporations, individuals, partnership associations, or any other entity; and
- WHEREAS, the Commission is authorized by statute to control and prohibit the pollution of said waters and to bring any appropriate action deemed necessary to enforce any and all laws relating to the pollution of the waters of this state; and
- WHEREAS, the Commission, meeting in the City of Detroit, Michigan on August 25, 1965 did adopt water quality goals to improve and protect the various water uses of the Rouge and Detroit Rivers and Michigan waters of Lake Erie; and
- WHEREAS, the Commission, meeting in the City of East Lansing, Michigan, on January 6, 1966, did establish requirements and time schedules deemed necessary to be met by various industries and governmental units for abatement of their respective contributions to the pollution of the Rouge and Detroit Rivers, the Michigan waters of Lake Erie and its tributaries; and
- WHEREAS, the Pennsalt Chemicals Corporation, a Pennsylvania Corporation, hereinafter referred to as the Company, discharges industrial wastes from its West Plant at Riverview, Michigan, into the Detroit River and its tributaries, said wastes containing solids and chlorides; and
- WHEREAS, it is the opinion of the Commission that said substances in the wastes discharged by the Company are or may become injurious to the public health, safety or welfare; or are or may become injurious to domestic, commercial, industrial, agricultural, recreational, or other uses which are being made of such waters; or are or may become injurious to livestock, wild animals, birds, fish, aquatic life, or plants or the growth or propagation thereof be prevented or injuriously affected; or whereby the value of fish and game is or may be destroyed or impaired; and

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WHEREAS, the Company, in consideration for the Commission's holding in abeyance the initiating of statutory procedures for pollution abatement as prescribed in Section 7, Act 245, Public Acts of 1929, as amended, desires to pursue a voluntary program to restrict and control the aforesaid substances contained in the wastes discharged or to be discharged from the Company's West Plant into the waters of this state.

NOW THEREFORE IT IS HEREBY AGREED, between the respective parties hereto, that Pennsalt Chemicals Corporation will:

1. Treat or control its industrial wastes from its West Plant to the extent necessary that when discharged to the Detroit River and its tributaries they shall:
  - a. Not contain suspended solids in a concentration greater than fifty (50) milligrams per liter above that present in the Company's source of water supply.
  - b. Not add more than eight thousand eight hundred (8,800) pounds per day of chlorides, as Cl, as a result of Company operations.
2. Provide facilities capable of producing the waste effluent quality specified in paragraph 1 hereof according to the following time schedule:
  - a. Submit construction plans and specifications for facilities to attain the limitations on waste constituents to the Chief Engineer of the Commission and obtain his approval thereof by November 1, 1966.
  - b. Complete construction of facilities to attain the limitations on waste constituents and place same in operation by April 1, 1968.
3. Perform analyses to determine the content of the substances enumerated in paragraph 1 hereof to the extent necessary and sufficient to demonstrate compliance status and file reports of said analyses with the Chief Engineer of the Commission at the end of each month, beginning January 31, 1967.

IT IS FURTHER AGREED between the parties hereto that dilution of waste discharges with uncontaminated waters will not be utilized to attain the specified concentration restrictions enumerated in paragraph 1 hereof.

IT IS FURTHER AGREED between the parties hereto that in the event the Company fails to meet timely any of the provisions of this Agreement, the

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Company waives Notice of Determination and Hearing as provided by Section 7 of Act 245, Public Acts of 1929, as amended, and it is agreed that the Commission may, following Notice to the Company of its default of this Agreement, enter a Final Order of Determination incorporating the provisions of this agreement and requiring compliance with the uncompleted terms of this Agreement. PROVIDED FURTHER, however, that the Company may within ten (10) days after receipt of Notice of Default, petition the Commission for a hearing at which the Company will be given the opportunity to show cause why a Final Order of Determination should not be adopted by the Commission. Following said hearing the Commission may adopt a Final Order of Determination as aforesaid or may in its discretion grant a delay, extension, modification of or release from any or all provisions contained in this Stipulation.

PENNSALT CHEMICALS CORPORATION  
a Pennsylvania Corporation

by: \_\_\_\_\_

WATER RESOURCES COMMISSION, of the State  
of Michigan

by: William E. Gandy  
(Chairman)

by: James H. [Signature]  
(Executive Secretary)

Dated: April 5, 1966